GOVERNMENT OF INDIA
AGRICULTURE AND FARMERS WELFARE
LOK SABHA

UNSTARRED QUESTION NO:2730
ANSWERED ON:01.08.2017
Cultivation of GM Mustard
Singh Shri Lallu

Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

(a) whether the designated Regulators have permitted to grow GM mustard for commercial use and if so, the details thereof;

(b) whether the agriculture research institute have carried out any test on the production of the said GM product in the country;

(c) if so, the details thereof along with the names of the institution that carried out such tests;

(d) the name of the institute which discovered the GM variety of mustard; and

(e) whether the said institute is an indigenous institute?

Answer

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE
(SHRI SUDARSHAN BHAGAT)

(a) The Genetic Engineering Appraisal Committee (GEAC), the apex regulatory committee of the Government of India, in its 133rd meeting held on 11.05.2017 recommended the proposal for environmental release of GM Mustard to the Government of India for its final decision. The matter is under consideration of the Government.

(b) & (c): The Centre for Genetic Manipulation of Crop Plants (CGMCP), University of Delhi has conducted following Confined Field Trials (CFTs) under the overall supervision of the Indian Council of Agricultural Research (ICAR) - Directorate of Rapeseed Mustard Research (DRMR), Bharatpur, Rajasthan.

Trial Period Name of the location
Biosafety Research Level-I
(BRL-I) 2010-11 and 2011-12 1. Krishi Vigyan Kendra (KVK), Kumher, Bharatpur, Rajasthan (under SKN Agriculture University, Jobner)
2. Agricultural Research Station, Navgaon, Alwar, Rajasthan (under SKN Agriculture University, Jobner)
3. Agricultural Research Station, Sriganganagar, Rajasthan (under Swami Keshwanand Rajasthan Agricultural University, Bikaner)
Biosafety Research Level-II
(BRL-II) 2014-15 1. ICAR-Indian Agricultural Research Institute, New Delhi
2. Punjab Agricultural University (PAU), Ludhiana, Punjab
3. Regional Research Station, PAU, Bathinda, Punjab

Under these trials, observations on the phenotypic and agronomic characteristics, pollination behaviour and pollen viability and yield performance of the GM mustard hybrid DMH-11 were observed and recorded.

(d) & (e): The GM mustard has been developed by the Centre for Genetic Manipulation of Crop Plants (CGMCP), a department of University of Delhi, which is one of the central universities of the country.

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